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SEP 10 2002

GROUP 1600

DATE: September 9, 2002

PTO IDENTIFIER: Application Number 09/661,453
Patent Number

Inventor: Ruben et al.

OFFICIAL

MESSAGE TO: A. Marschel

FAX NUMBER: (703) 308-4242

FROM: HUMAN GENOME SCIENCES, INC.

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PAGES (Including Cover Sheet): 17**CONTENTS:**

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Fee Transmittal;

Response and Amendment Under 37 C.F.R. § 1.111;

Version With Markings To Show Changes Made;

Declaration of George Komatsoulis Under 37 C.F.R. § 1.132 (Exhibit A)

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PTO/SB/97 (12-97)

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Declaration of George Komatsoulis Under 37 C.F.R. § 1.132
(Exhibit A).

**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision

☐ Applicant claims small entity status See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**0.00****Complete if Known**

Application Number	09/661,453
Filing Date	September 13, 2000
First Named Inventor	Steven M. Ruben
Examiner Name	A. Marschel
Group Art Unit	1631
Attorney Docket No	P2038P1

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☐ Deposit Account

Deposit Account Number

08-3425

Deposit Account Name

Human Genome Sciences, Inc.

The Commissioner is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee

to the above-designated deposit account

FEE CALCULATION**1. BASIC FILING FEE**

Large Entry	Small Entry	Fee Code	Fee (\$)	Fee Description	Fee Paid
		101	740	Utility filing fee	
		106	330	Design filing fee	
		107	510	Plant filing fee	
		108	740	Reissue filing fee	
		114	160	Provisional filing fee	

SUBTOTAL (1) (\$)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from Below	Fee Paid
62	-73**	x	0.00
11	-12**	x	0.00
Multiple Dependent			

Large Entry	Small Entry	Fee Code	Fee (\$)	Fee Description	Fee Paid
		103	18	Claims in excess of 20	
		102	84	independent claims in excess of 3	
		104	280	Multiple dependent claim, if not paid	
		105	84	** Reissue independent claims over original patent	
		110	18	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entry	Small Entry	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	Surcharge - late filing fee or oath	
		127	50	Surcharge - late provisional filing fee or cover sheet	
		138	130	Non-English specification	
		147	2,520	For filing a request for ex parte reexamination	
		112	820*	Requesting publication of SIR prior to Examiner action	
		113	1,840*	Requesting publication of SIR after Examiner action	
		115	110	Extension for reply within first month	
		116	400	Extension for reply within second month	
		117	920	Extension for reply within third month	
		118	1,440	Extension for reply within fourth month	
		128	1,960	Extension for reply within fifth month	
		119	320	Notice of Appeal	
		120	320	Filing a brief in support of an appeal	
		121	280	Request for oral hearing	
		138	1,510	Petition to institute a public use proceeding	
		140	110	Petition to revive - unavoidable	
		141	1,280	Petition to revive - unintentional	
		142	1,280	Utility issue fee (or reissue)	
		143	460	Design issue fee	
		144	620	Plant issue fee	
		122	130	Petitions to the Commissioner	
		123	50	Processing fee under 37 CFR 1.17(q)	
		126	180	Submission of Information Disclosure Stmt	
		581	40	Recording each patent assignment per property (times number of properties)	
		146	740	Filing a submission after final rejection (37 CFR 1.129(a))	
		149	740	For each additional invention to be examined (37 CFR 1.129(b))	
		179	740	Request for Continued Examination (RCE)	
		169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY**

Name (Print/Type) Janet M. Martineau

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46,903

Complete (if applicable)

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Signature

Date

September 9, 2002

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Dated 9-9-02

Signature: Vanessa Robertson (Vanessa Robertson)